



**CEQA EXEMPTION / NEPA CATEGORICAL EXCLUSION
DETERMINATION FORM (rev. 04/2021)**

<u>Project Information</u>	
Project Name (if applicable): SJ & STA Transportation Management System	
DIST-CO-RTE: 10-SJ, STA-5,33,99,108,120,132,219	PM/PM: Various
EA: 10-1F970/1018000283	Federal-Aid Project Number:
<u>Project Description</u>	
See continuation sheets.	

Caltrans CEQA Determination (Check one)

- Not Applicable** – Caltrans is not the CEQA Lead Agency
- Not Applicable** – Caltrans has prepared an IS or EIR under CEQA

Based on an examination of this proposal and supporting information, the project is:

- Exempt by Statute.** (PRC 21080[b]; 14 CCR 15260 et seq.)
- Categorically Exempt. Class 6.** (PRC 21084; 14 CCR 15300 et seq.)
 - No exceptions apply that would bar the use of a categorical exemption (PRC 21084 and 14 CCR 15300.2). See the [SER Chapter 34](#) for exceptions.
- Covered by the Common Sense Exemption.** This project does not fall within an exempt class, but it can be seen with certainty that there is no possibility that the activity may have a significant effect on the environment (14 CCR 15061[b][3].)

Senior Environmental Planner or Environmental Branch Chief

C. Scott Guidi	<i>C. Scott Guidi</i>	04/26/2022
_____ Print Name	_____ Signature	_____ Date

Project Manager

Wuthy Seng	<i>Wuthy Seng</i>	04/27/2022
_____ Print Name	_____ Signature	_____ Date



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Caltrans NEPA Determination (Check one)

Not Applicable

Caltrans has determined that this project has no significant impacts on the environment as defined by NEPA, and that there are no unusual circumstances as described in 23 CFR 771.117(b). See SER Chapter 30 for unusual circumstances. As such, the project is categorically excluded from the requirements to prepare an EA or EIS under NEPA and is included under the following:

23 USC 326: Caltrans has been assigned, and hereby certifies that it has carried out the responsibility to make this determination pursuant to 23 USC 326 and the Memorandum of Understanding dated April 18, 2019, executed between FHWA and Caltrans. Caltrans has determined that the project is a Categorical Exclusion under:

- 23 CFR 771.117(c): activity (c)(21)
23 CFR 771.117(d): activity (d)(Enter activity number)
Activity Enter activity number listed in Appendix A of the MOU between FHWA and Caltrans

23 USC 327: Based on an examination of this proposal and supporting information, Caltrans has determined that the project is a Categorical Exclusion under 23 USC 327. The environmental review, consultation, and any other actions required by applicable Federal environmental laws for this project are being, or have been, carried out by Caltrans pursuant to 23 USC 327 and the Memorandum of Understanding dated December 23, 2016 and executed by FHWA and Caltrans.

Senior Environmental Planner or Environmental Branch Chief

C. Scott Guidi
Print Name
Signature
Date 04/26/2022

Project Manager/ DLA Engineer

Wuthy Seng
Print Name
Signature
Date 04/27/2022

Date of Categorical Exclusion Checklist completion (if applicable): 04/26/2022
Date of Environmental Commitment Record or equivalent: 04/26/2022

Briefly list environmental commitments on continuation sheet if needed (i.e., not necessary if included on an attached ECR). Reference additional information, as appropriate (e.g., additional studies and design conditions).



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Continuation sheet:

The California Department of Transportation (Caltrans) proposes to install new, replace, or upgrade existing outdated Transportation Management Systems (TMS) elements to more reliable and efficient technologies to meet current Caltrans standards, and to provide safe maintenance vehicle access to these facilities. The project proposes 49 locations along Interstate 5 and State Routes 33, 99, 108, 120 and 132 in San Joaquin and Stanislaus Counties. TMS elements will include TMS elements such as closed-circuit television cameras, internet protocol cameras, roadside weather information systems, changeable message signs, and vehicle detection systems. In addition, some maintenance vehicle pullout areas would be installed, and some guardrails would be updated at various locations. See Table 1 for list of project locations and TMS and anticipated work at each location

Project work would include work off the paved roadway, trenching, grading, or ground disturbance, drainage work or alterations, work in channel, vegetation removal, utility relocation, and additional right-of-way. It is unknown if work in seasonally wet areas, drainages or areas of standing water or flooding; material sites or disposal sites are required. Right-of-way is only anticipated at Location 7 for utility easements, and all electrical trenching or horizontal drilling would be completed within Caltrans right-of-way.

The purpose of the project is to install new, upgrade, and/replace legacy, inefficient and outdated TMS elements. The project is needed due to existing TMS Elements in District 10 that are outdated, non-operational and do not meet current Caltrans standards. Implementation of this project would enhance the performance/reliability and minimize operational and maintenance costs of existing TMS elements. There is also a need for maintenance vehicles access to these facilities where none currently exists.



Table 1: Project Location

Location number	Location Description	County	Route	Postmile	Direction	Proposed Work
1	Escalon Belota Rd	San Joaquin	120	16.845 R	Both	There is an existing signal. Install independent/permanent Vehicle Detection System and Internet Protocol camera for signal.
2	Jack Tone Rd	San Joaquin	120	8.840	Both	There is an existing Vehicle Detection System that is not operational. Upgrade everything with detection on mainline. Upgrade signal per current standards.
3	JCT of I 5/ SR 120	San Joaquin	120	0.928	Both	Two cabinets at this location. Remove Type P cabinet and bring loops for both directions to existing Type 334 Cabinet. Install new Maintenance Vehicle Pullout.
4	Crows Landing/Fink Rd	Stanislaus	33	6.730	Both	Install new Vehicle Detection System.
5	Patterson/Sperry Rd	Stanislaus	33	12.570	Both	Install new Vehicle Detection System.
6	Patterson/Las Palmas Ave	Stanislaus	33	13.180	Both	Existing signal with outbound loops. Install permanent/independent Vehicle Detection System and Internet Protocol camera for signal.
7	Ward Ave	Stanislaus	33	14.520	Both	Install new Vehicle Detection System.
8	Hatch Rd, Modesto	Stanislaus	99	12.949	Both	Remove and Salvage/Remove and become property of the Contractor (RS/RC) the existing cabinet (ID #309), equipment and foundation. Abandon loops. Remove and Salvage/Remove and become property of the Contractor existing equipment. Cabinet is very close to railroad and updating has been an issue in the past.
9	Leveland Ln, Modesto	Stanislaus	108	25.387	Both	Existing signal. Install independent/permanent Vehicle Detection System and Internet Protocol camera for signal.



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Location number	Location Description	County	Route	Postmile	Direction	Proposed Work
10	JCT SR 219/SR 108	Stanislaus	108	27.618	Both	Existing outdated Vehicle Detection System. Upgrade all equipment, cabinet and detection on State Route 108 and State Route 219 for all directions.
11	Ladd Rd/Mc Henry Ave	Stanislaus	108	29.150	Both	Existing signal. Install independent/permanent Vehicle Detection System and Internet Protocol camera for signal.
12	First St, Riverbank	Stanislaus	108	32.452	Both	Existing signal. Install independent/permanent Vehicle Detection System and Internet Protocol camera for signal.
13	Crane Rd	Stanislaus	108	36.151	Both	Existing signal. Install independent/permanent Vehicle Detection System and Internet Protocol camera for signal.
14	Valley Home Rd	Stanislaus	120	3.16	Both	Install new Vehicle Detection System west of Valley Home Road.
15	A St, Oakdale	Stanislaus	120	4.346	Both	Existing signal. Install independent/permanent Vehicle Detection System and Internet Protocol camera for signal.
16	JCT SR 120/ SR 108, Oakdale	Stanislaus	120	5.116	Both	Existing signal. Install independent/permanent Vehicle Detection System and Internet Protocol camera for signal.
17	Deo Gloria Rd	Stanislaus	120	7.225	Both	Removal/abandonment of existing TMS elements, with the proposed replacement/new elements work to be moved to Location 44 proposed work.
18	Sta/Tuo County line	Stanislaus	120	17.060	Both	Install new Vehicle Detection System here.
19	JCT SR 108 West/ L St	Stanislaus	132	14.98 L	Both	Existing signal. Install independent/permanent Vehicle Detection System and Internet Protocol camera for signal.
20	JCT SR 132/SR 108/ K St	Stanislaus	132	15.06 L	Both	Existing signal. Install independent/permanent Vehicle Detection System and Internet Protocol camera for signal.



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Location number	Location Description	County	Route	Postmile	Direction	Proposed Work
21	La Loma Ave, Modesto	Stanislaus	132	16.323	Both	Existing signal. Install independent/permanent Vehicle Detection System for Census and Internet Protocol camera for remote surveillance of signal.
22	Claus Rd, Modesto	Stanislaus	132	19.13	Both	Existing signal. Install independent/permanent Vehicle Detection System for Census and Internet Protocol camera for remote surveillance of signal.
23	Geer Rd/Albers Rd	Stanislaus	132	23.144	Both	Existing signal. Install independent/permanent Vehicle Detection System for Census and Internet Protocol camera for remote surveillance of signal.
24	Lake Rd	Stanislaus	132	44.007 R	Both	Replace existing Type "P" cabinet with Type "334". Install new equipment, detection and antenna to boost existing cellular coverage.
25	Turlock Rest Stop	Stanislaus	99	0.160 R	Not Applicable	Replace all existing sensors and Remote Processing Unit. Replace existing camera with Internet Protocol dome with Pan-Tilt-Zoom capability.
26	Faith Home Rd OC (Keyes)	Stanislaus	99	8.700 R	Not Applicable	Replace all existing sensors and Remote Processing Unit. Remove and Salvage existing camera. Do not replace camera.
27	S/O Hatch Rd	Stanislaus	99	13.230 R	Not Applicable	Replace all existing sensors and Remote Processing Unit. Replace existing camera with Internet Protocol dome with Pan-Tilt-Zoom capability.
28	N/O SR 219/Kiernan Ave	Stanislaus	99	22.590 R	Not Applicable	Replace all of existing sensors and Remote Processing Unit. Replace existing camera with Internet Protocol dome with Pan-Tilt-Zoom capability.
29	W/O Morrow Rd	Stanislaus	219	2.433	Not Applicable	Replace all of existing sensors and Remote Processing Unit. Replace existing camera with Internet Protocol dome with Pan-Tilt-Zoom capability.
30	E/O Pentecost Drive	Stanislaus	219	4.522	Not Applicable	Replace all of existing sensors and Remote Processing Unit. Replace existing camera with Internet Protocol dome with Pan-Tilt-Zoom capability.



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Location number	Location Description	County	Route	Postmile	Direction	Proposed Work
31	Westley Rest Area	Stanislaus	5	27.094	Not Applicable	Remove and replace existing camera on the existing pole.
32	S/O SR 219 Kiernan Ave	Stanislaus	99	22.046 R	Not Applicable	Replace existing Closed-Circuit Television Camera.
33	On from Taylor	Stanislaus	99	6.596 R	Not Applicable	Replace existing Closed-Circuit Television Camera.
34	On from Keyes Rd	Stanislaus	99	8.019 R	Not Applicable	Replace existing Closed-Circuit Television Camera.
35	On from Crows Landing	Stanislaus	99	14.312 R	Not Applicable	Replace existing Closed-Circuit Television camera.
36	Tuolumne Blvd	Stanislaus	99	15.08 R	Not Applicable	Replace existing Closed-Circuit Television camera.
37	Kansas Ave	Stanislaus	99	16.685 R	Not Applicable	Replace existing Closed-Circuit Television camera.
38	On from W. Briggsmore	Stanislaus	99	18.634 M	Not Applicable	Replace existing Closed-Circuit Television camera.
39	On from Beckwith	Stanislaus	99	20.459 R	Not Applicable	Replace existing Closed-Circuit Television camera.
40	On from Hammett Rd	Stanislaus	99	24.425 R	Not Applicable	Replace existing Closed-Circuit Television camera.
41	On from Del Puerto Canyon	Stanislaus	5	16.032	Not Applicable	Replace existing Closed-Circuit Television camera.
42	S/O Faith Home Rd OC	Stanislaus	99	8.560	Not Applicable	Replace existing Closed-Circuit Television camera.
43	Westley Rest Area	Stanislaus	5	28.050	Southbound	Construct Maintenance Vehicle Pullout.
44	E/O Atlas Rd	Stanislaus	120	7.54	Eastbound	Existing Type 510 installed in 1998 with 10-0A570X. Replace Changeable Message Sign with Type 610.



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Location number	Location Description	County	Route	Postmile	Direction	Proposed Work
						Install new structure, equipment, Vehicle Detection System, and Closed-Circuit Television Camera. Construct Maintenance Vehicle Pullout .
45	S/O Mitchell Ave	Stanislaus	99	9.457	Southbound	Changeable Message Sign installed with 10-3A450X. Install Vehicle Detection System and replace existing Closed-Circuit Television Camera.
46	N/O Keyes Rd	Stanislaus	99	8.318 R	Northbound	Changeable Message Sign installed with 10-3A450X. Install Vehicle Detection System, replace existing Closed-Circuit Television Camera and construct Maintenance Vehicle Pullout.
47	N/O Taylor Rd	Stanislaus	99	7.270 R	Southbound	Changeable Message Sign installed with 10-3A450X. Install Closed-Circuit Television Camera, Vehicle Detection System. Equipment for Vehicle Detection System and Closed-Circuit Television Camera can be housed in same cabinet. Construct Maintenance Vehicle Pullout .
48	S/O Hatch Rd	Stanislaus	99	12.845 R	Northbound	Changeable Message Sign installed with 10-3A340X. Install Vehicle Detection System and replace existing Closed-Circuit Television Camera. Equipment for Vehicle Detection System and Closed-Circuit Television Camera can be housed in same existing Type 334 cabinet.
49	N/O SR 219/Kiernan Ave	Stanislaus	99	23.318 R	Southbound	Changeable Message Sign installed with 10-3A340X. Install Vehicle Detection System and replace existing Closed-Circuit Television Camera. Equipment for Vehicle Detection System and Closed-Circuit Television Camera can be housed in same existing Type 334 cabinet.



General

This project is Categorical Exempt under the California Environmental Quality Act (CEQA) and under the National Environmental Policy Act (NEPA) as it is Categorical Excluded unless 1) the scope of the project changes to include additional activities or areas, or 2) there is unforeseen discovery of sensitive or cultural resources

Air Quality

The proposed project is exempt from all project-level conformity requirements per Table 2 of 40 CFR 93.126 under the project type *traffic control devices and operating assistance other than signalization projects*.

Caltrans Standard Specifications Section 14-9.02 for Air Pollution Control and Section 10-5 for Dust Control are required in the construction contract to minimize and control emissions during construction. A Dust Control Plan (DCP) would be required if at least 2,500 cubic yards of material are moved in a day for at least three days of the project, or 5 or more acres of land will be disturbed during construction.

Biology

A Biological Resources Evaluation (No Effect) Memo was completed for the project. Under Section 7 of the Federal Endangered Species Act and under the California Endangered Species Act for State-listed Species, a No Effect determination was made for the project.

This memo determined that there is a low risk that Swainson's hawks and their habitats may be affected by the project, and avoidance measures are stated below. As potential nesting habitat for migratory birds was observed within and adjacent to the project limits, a Species Protection Special Provision will be included in the construction contract, and Caltrans Standard Special Provision 14-6.03A and 14-6.03B for Bird Protection shall be implemented. A preconstruction survey for migratory birds and raptors will be required fourteen (14) days prior to the start of construction, if construction activities occur within the migratory bird nesting season (February 1 – September 30). If migratory birds or raptors are found nesting within or adjacent to a work area during construction, the following Environmentally Sensitive Area (ESA) buffers will be required:

- If any active migratory bird nest is observed, a 100-foot ESA buffer is required.
- If an active raptor nest is observed, a 300-foot ESA buffer is required.
- If an active Swainson's hawk nest is observed, a 600-foot ESA buffer is required.

All above ESA buffers will be implemented and avoided until the young have fledged or a qualified biologist determines that construction may proceed.



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Cultural

Under Section 106 of the National Historic Preservation Act, a finding of “No historic Properties Affected” was determined for this project. The determination under CEQA is “No Historical Resources” present, as outlined in CEQA Guidelines 15064.5(a).

Executive Order 11988 and 23 CFR 650.105 (Floodplains)

Some of the project locations are located within a 100-year base floodplain and will not result in a significant encroachment in the 100-year floodplain.

Executive Order 12898 (Environmental Justice)

There appear to be communities within 0.50 miles of some of the project locations that could be considered Environmental Justice populations under Executive order 12898 for low income and/or minority populations. For the purposes of this document, Environmental Justice populations would be considered present near some of the project locations. As the scope of work is mainly to occur within state right-of-way and is would not affect or cause permanent impact to any communities, there will be no disproportionate impact on an Environmental Justice population. The project will not cause disproportionately high and adverse effects on any minority or low-income populations in accordance with the provisions of Executive Order 12898. No further Environmental Justice analysis is required.

Hazardous Waste

There is potential to encounter non-hazardous concentrations of Aerially Deposited Lead (ADL) while working in unpaved areas within the project area, and it is assumed that some soil will be removed from the site due to excavation. The Caltrans Standard Special Provision Section 7-1.02K(6)(j)(iii) pertaining to Earth Material Containing Lead will be included in the Construction contract and a lead compliance plan prepared by a Certified Industrial Hygienist is required.

There is minimal potential to encounter contaminated soil, Asbestos Containing Material and lead based paint, as there are no open remediation site cases and structures affected by the project and no impacts to painted surfaces are anticipated.

In addition, any electrical equipment waste shall be disposed of per Caltrans Standard Specification 14-11.15, and if vehicle sensor nodes are removed, then Caltrans Standard Special Provision 87-21.03D would be required.

Noise

Construction activities may intermittently dominate the noise environment in the immediate area of construction, but it is not anticipated to cause adverse noise impacts. To minimize potential temporary noise impacts during construction, Caltrans Standard



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Specification Section 14-8 for Noise Control will be implemented and included in the construction contract. In addition, all equipment will have sound-control devices that are no less effective than those provided on the original equipment.

Section 4(f)

A Section 4(f) No Use memo was completed for the project, and it was determined that the provisions of Section 4(f) do not apply.

Visual

There are no qualifying scenic resources as defined under Section 15301(c) of the State EIR guidelines would be affected by the project. No avoidance or minimization measures required.

Water

There is potential for temporary short-term impacts to water quality in construction. To avoid potential impacts, appropriate best management practices (BMPs) will be implemented, and Caltrans Standard Specification 13-1 for Water Pollution will be included in the construction contract.

If the project disturbs one acre or more of soil, the following requirements would be required:

1. A Notification of Intent (NOI) is to be submitted to the appropriate Regional Water Quality Control Board at least 30 days prior to the start of construction.
2. A Stormwater Pollution Prevention Plan (SWPPP) is to be prepared and implemented during construction to the satisfaction of the Resident Engineer.
3. A Notice of Termination (NOT) shall be submitted to the Regional Board upon completion of construction and site stabilization. A project will be considered complete when the criteria for final stabilization in the Construction General Permit are met.

If the project disturbs less than one acre of soil, a Water Pollution Control Plan (WPCP) is required to be prepared by the contractor per Caltrans Standard Specification 13-1.